

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 10/069,385

CRF Processing Date: 3/19/2002
 Edited by: AC
 Verified by: AC (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☒ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: 2
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____



PCT10

RAW SEQUENCE LISTING

DATE: 03/19/2002

PATENT APPLICATION: US/10/069,385

TIME: 13:57:00

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\03192002\J069385.raw

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4 <110> APPLICANT: Witcher, Derrick
5     Tian, Yu
6     Atkinson, Paul
8 <120> TITLE OF INVENTION: FLINT Analog Compounds and Formulations Thereof
10 <130> FILE REFERENCE: X-13268
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/069,385
C--> 13 <141> CURRENT FILING DATE: 2002-02-19
15 <160> NUMBER OF SEQ ID NOS: 3
17 <170> SOFTWARE: PatentIn Ver. 2.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 271
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
25 Val Ala Glu Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu
26   1              5              10              15
28 Arg Leu Val Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro
29           20              25              30
31 Cys Arg Arg Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His
32           35              40              45
34 Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val
35           50              55              60
37 Leu Cys Gly Glu Arg Glu Glu Ala Arg Ala Cys His Ala Thr His
38   65              70              75              80
40 Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe
41           85              90              95
43 Cys Leu Glu His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro
44           100             105             110
46 Gly Thr Pro Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr
47           115             120             125
49 Phe Ser Ala Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn
50           130             135             140
52 Cys Thr Ala Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His
53   145             150             155             160
55 Asp Thr Leu Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val
56           165             170             175
58 Pro Gly Ala Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe
59           180             185             190
61 Gln Asp Ile Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu
62           195             200             205
64 Ala Pro Glu Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu
65           210             215             220
67 Gln Leu Lys Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp

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68 225          230          235          240
70 Gly Ala Leu Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met
71          245          250          255
73 Pro Gly Leu Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
74          260          265          270
77 <210> SEQ ID NO: 2
78 <211> LENGTH: 300
79 <212> TYPE: PRT
80 <213> ORGANISM: Homo sapiens
81 <400> SEQUENCE: 2
83 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu
84 1          5          10          15
86 Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val Ala Glu
87          20          25          30
89 Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu Arg Leu Val
90          35          40          45
92 Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg
93          50          55          60
95 Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His Tyr Thr Gln
96 65          70          75          80
98 Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly
99          85          90          95
101 Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala
102          100          105          110
104 Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe Cys Leu Glu
105          115          120          125
107 His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Thr Pro
108          130          135          140
110 Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala
111 145          150          155          160
113 Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn Cys Thr Ala
114          165          170          175
116 Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His Asp Thr Leu
117          180          185          190
119 Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val Pro Gly Ala
120          195          200          205
122 Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe Gln Asp Ile
123          210          215          220
125 Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu Ala Pro Glu
126 225          230          235          240
128 Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu Gln Leu Lys
129          245          250          255
131 Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp Gly Ala Leu
132          260          265          270
134 Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met Pro Gly Leu
135          275          280          285
137 Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
138          290          295          300
141 <210> SEQ ID NO: 3

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142 <211> LENGTH: 936
143 <212> TYPE: DNA
144 <213> ORGANISM: Homo sapiens
146 <220> FEATURE:
147 <221> NAME/KEY: CDS
148 <222> LOCATION: (25)..(924)
150 <400> SEQUENCE: 3
151 gctctccctg ctccagcaag gacc atg agg gcg ctg gag ggg cca ggc ctg 51
152                               Met Arg Ala Leu Glu Gly Pro Gly Leu
153                               1                               5
155 tcg ctg ctg tgc ctg gtg ttg gcg ctg cct gcc ctg ctg ccg gtg ccg 99
156 Ser Leu Leu Cys Leu Val Leu Ala Leu Pro Ala Leu Leu Pro Val Pro
157 10                               15                               20                               25
159 gct gta cgc gga gtg gca gaa aca ccc acc tac ccc tgg cgg gac gca 147
160 Ala Val Arg Gly Val Ala Glu Thr Pro Thr Tyr Pro Trp Arg Asp Ala
161                               30                               35                               40
163 gag aca ggg gag cgg ctg gtg tgc gcc cag tgc ccc cca ggc acc ttt 195
164 Glu Thr Gly Glu Arg Leu Val Cys Ala Gln Cys Pro Pro Gly Thr Phe
165                               45                               50                               55
167 gtg cag cgg ccg tgc cgc cga gac agc ccc acg acg tgt ggc ccg tgt 243
168 Val Gln Arg Pro Cys Arg Arg Asp Ser Pro Thr Thr Cys Gly Pro Cys
169                               60                               65                               70
171 cca ccg cgc cac tac acg cag ttc tgg aac tac ctg gag cgc tgc cgc 291
172 Pro Pro Arg His Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg
173                               75                               80                               85
175 tac tgc aac gtc ctc tgc ggg gag cgt gag gag gag gca cgg gct tgc 339
176 Tyr Cys Asn Val Leu Cys Gly Glu Arg Glu Glu Glu Ala Arg Ala Cys
177 90                               95                               100                               105
179 cac gcc acc cac aac cgt gcc tgc cgc tgc cgc acc ggc ttc ttc gcg 387
180 His Ala Thr His Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe Ala
181                               110                               115                               120
183 cac gct ggt ttc tgc ttg gag cac gca tcg tgt cca cct ggt gcc ggc 435
184 His Ala Gly Phe Cys Leu Glu His Ala Ser Cys Pro Pro Gly Ala Gly
185                               125                               130                               135
187 gtg att gcc ccg ggc acc ccc agc cag aac acg cag tgc cag ccg tgc 483
188 Val Ile Ala Pro Gly Thr Pro Ser Gln Asn Thr Gln Cys Gln Pro Cys
189                               140                               145                               150
191 ccc cca ggc acc ttc tca gcc agc agc tcc agc tca gag cag tgc cag 531
192 Pro Pro Gly Thr Phe Ser Ala Ser Ser Ser Ser Ser Glu Gln Cys Gln
193                               155                               160                               165
195 ccc cac cgc aac tgc acg gcc ctg ggc ctg gcc ctc att gtg cca ggc 579
196 Pro His Arg Asn Cys Thr Ala Leu Gly Leu Ala Leu Ile Val Pro Gly
197 170                               175                               180                               185
199 tct tcc tcc cat gac acc ctg tgc acc agc tgc act ggc ttc ccc ctc 627
200 Ser Ser Ser His Asp Thr Leu Cys Thr Ser Cys Thr Gly Phe Pro Leu
201                               190                               195                               200
203 agc acc agg gta cca gga gct gag gaa tgt gag cgt gcc gtc atc gac 675
204 Ser Thr Arg Val Pro Gly Ala Glu Glu Cys Glu Arg Ala Val Ile Asp
205                               205                               210                               215

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207 ttt qtg get ttc cag gac atc tcc atc aag agg ctg cag cgg ctg ctg 723
208 Phe Val Ala Phe Gln Asp Ile Ser Ile Lys Arg Leu Gln Arg Leu Leu
209      220      225      230
211 cag gcc ctc gag gcc ccg gag ggc tgg gct ccg aca cca agg gcg ggc 771
212 Gln Ala Leu Glu Ala Pro Glu Gly Trp Ala Pro Thr Pro Arg Ala Gly
213      235      240      245
215 cgc gcg gcc ttg cag ctg aag ctg cgt cgg cgg ctc acg gag ctc ctg 819
216 Arg Ala Ala Leu Gln Leu Lys Leu Arg Arg Arg Leu Thr Glu Leu Leu
217 250      255      260      265
219 ggg gcg cag gac ggg gcg ctg ctg gtg cgg ctg ctg cag gcg ctg cgc 867
220 Gly Ala Gln Asp Gly Ala Leu Leu Val Arg Leu Leu Gln Ala Leu Arg
221      270      275      280
223 gtg gcc agg atg ccc ggg ctg gag cgg agc gtc cgt gag cgc ttc ctc 915
224 Val Ala Arg Met Pro Gly Leu Glu Arg Ser Val Arg Glu Arg Phe Leu
225      285      290      295
227 cct gtg cac tgatcctggc cc 936
228 Pro Val His
229      300

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/069,385

DATE: 03/19/2002

TIME: 13:57:01

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\03192002\J069385.raw

L:12 M:270 C: Current Application Number differs, Replaced Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date